

FIG. 1

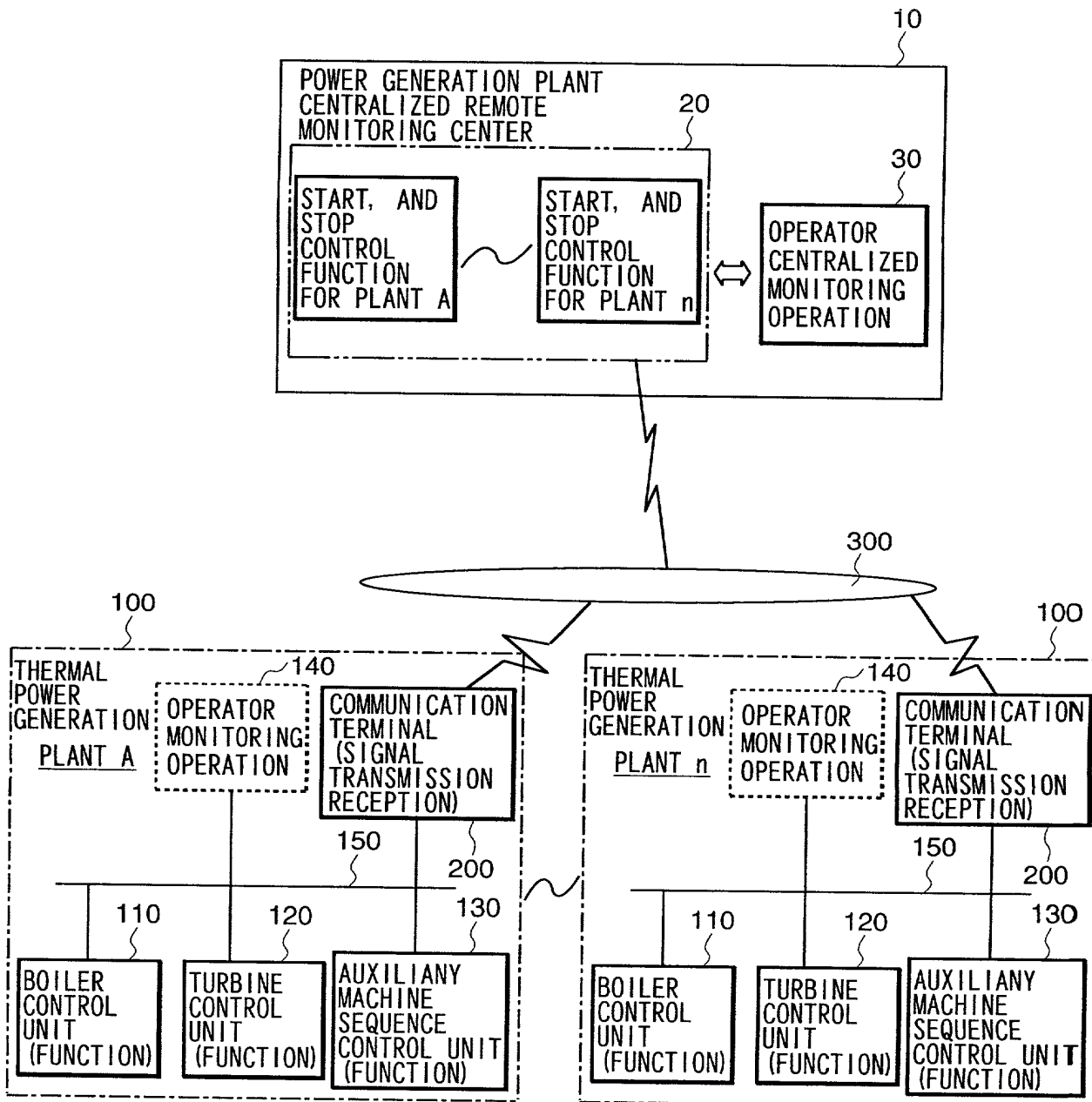


FIG. 2

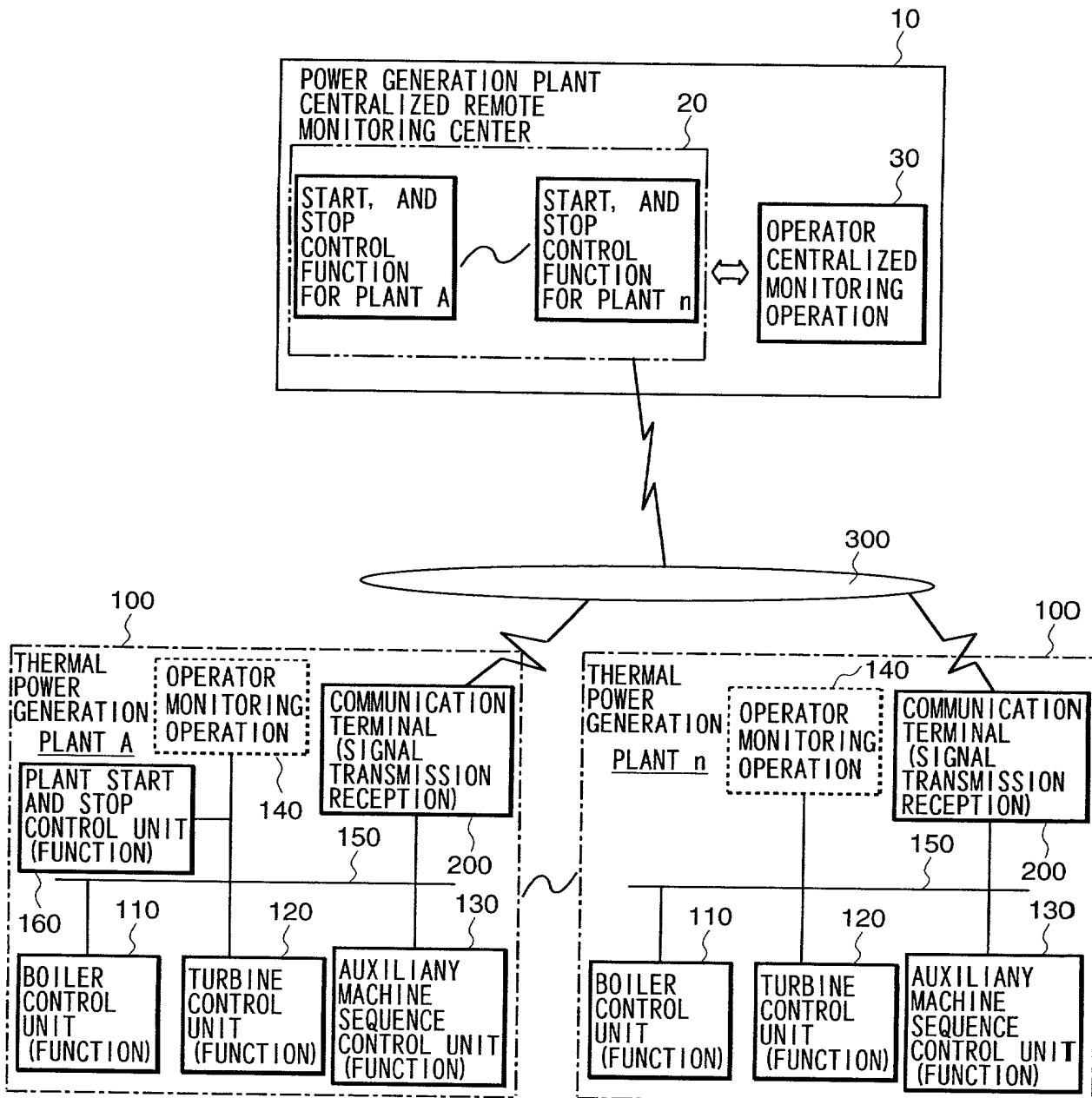


FIG. 3

THERMAL POWER GENERATION PLANT (100)
(POWER GENERATION ENTREPRENEUR)

REMOTE CENTRALIZED
MONITORING CENTER (10)

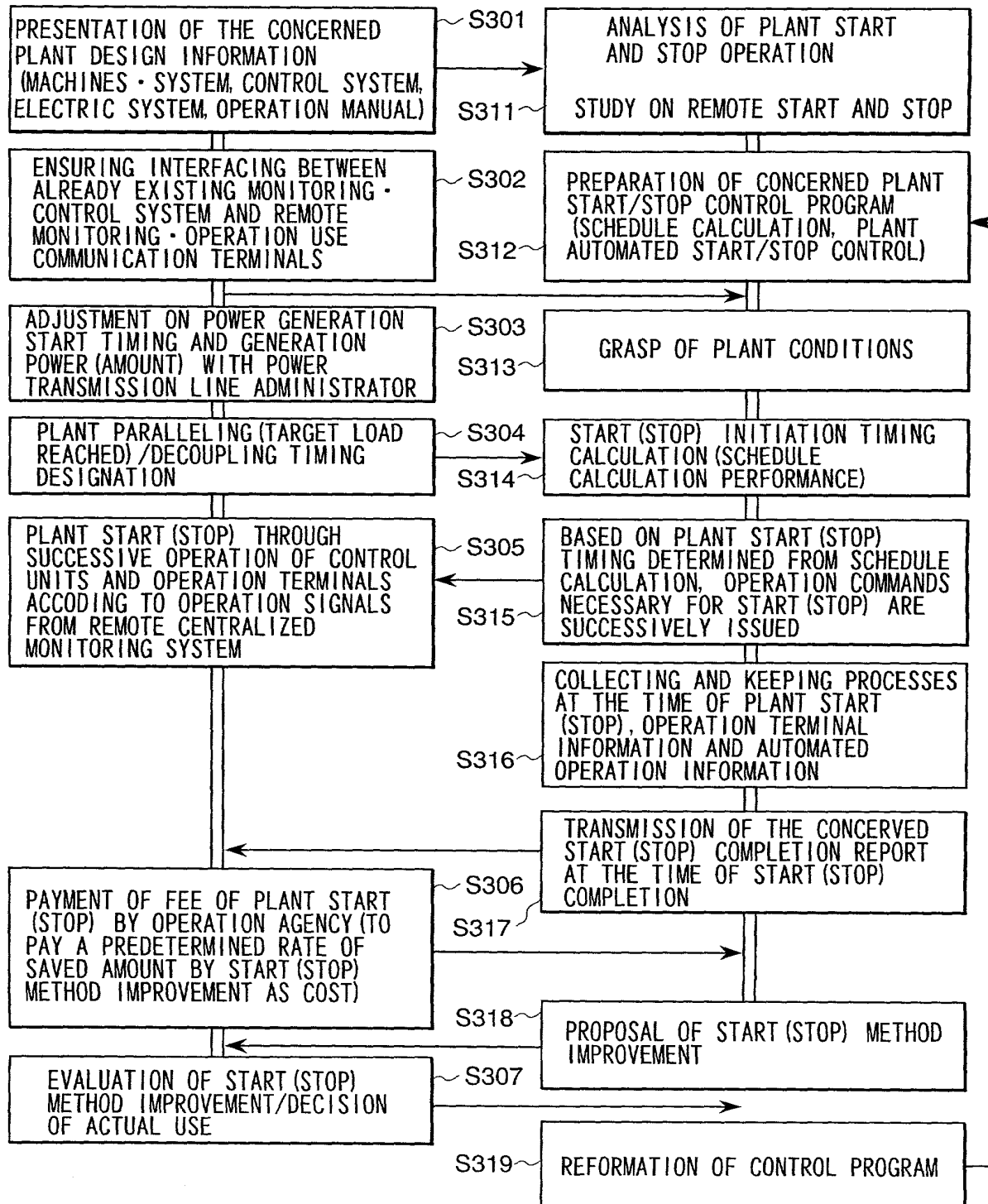


FIG. 4

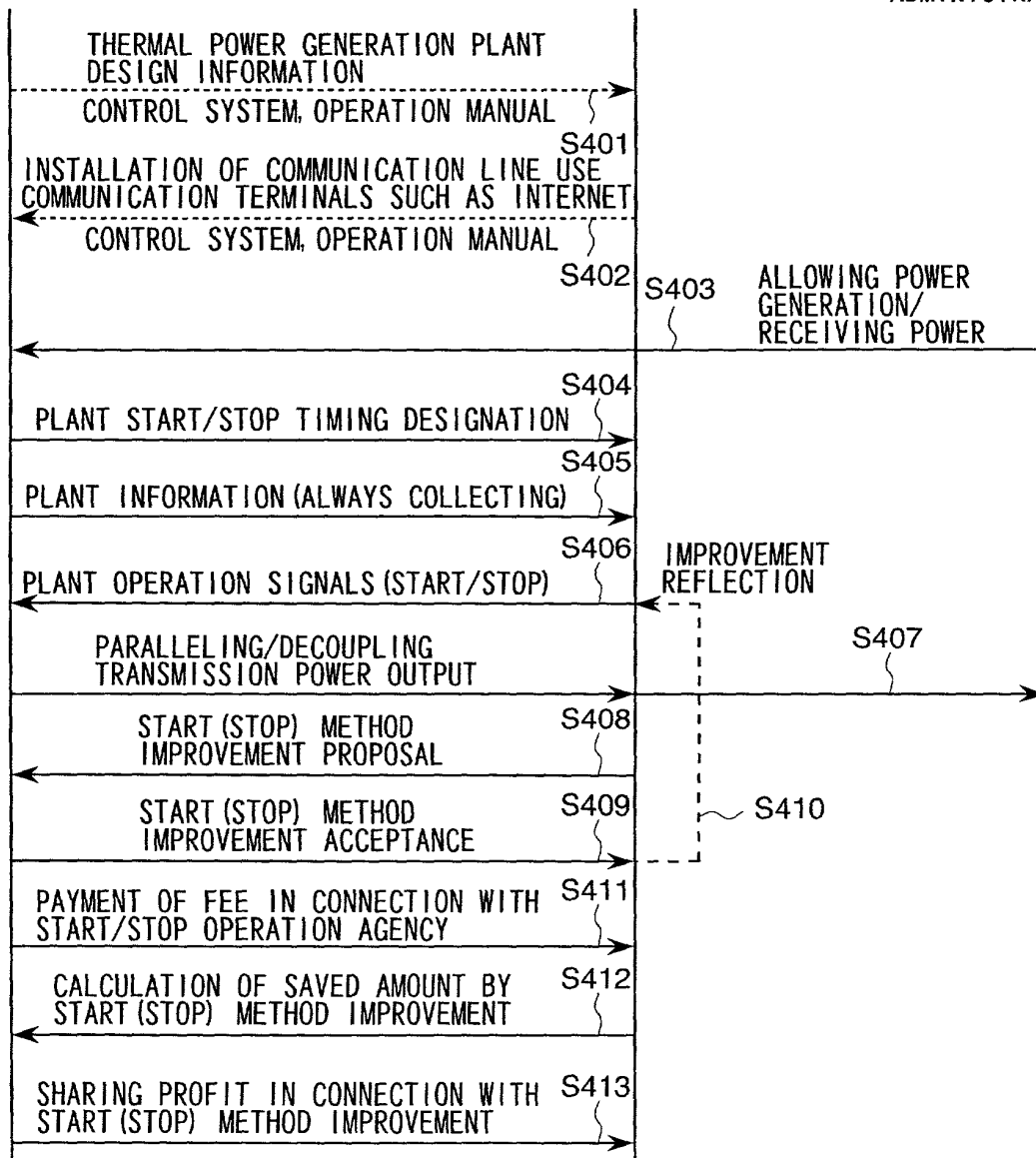
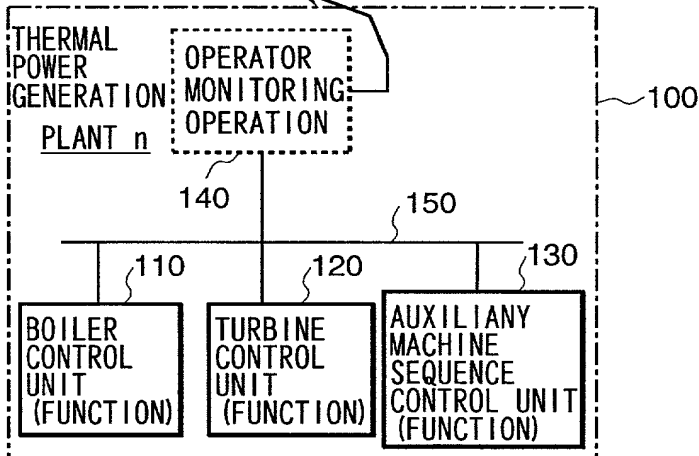
THERMAL POWER
GENERATION PLANT (100)REMOTE CENTRALIZED
MONITORING CENTER (10)POWER
TRANSMISSION LINE
ADMINISTRATOR (50)

FIG. 5

[CONVENTIONAL ART]

START OPERATION IS INITIATED BY BACKWARD COUNTING TIMING OF TARGET PARALLEL OPERATION (RATED LOAD REACHED)
 ACCORDING TO START OPERATION SEQUENCE, OPERATOR SUCCESSIVELY AND INDIVIDUALLY PERFORMS OPERATION TO START, WHILE MONITORING AND CONFIRMING PLANT CONDITIONS



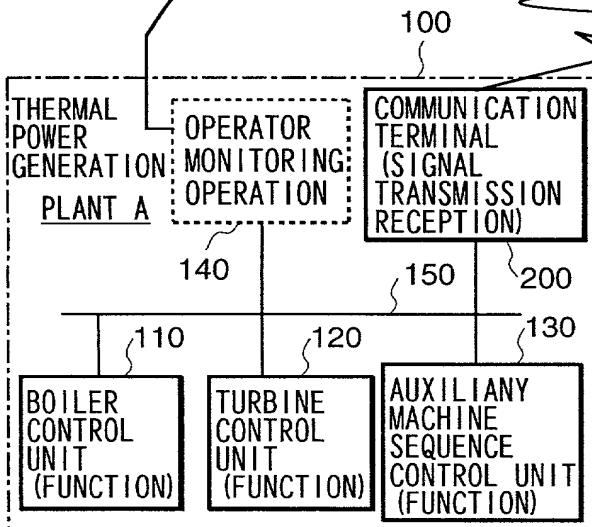
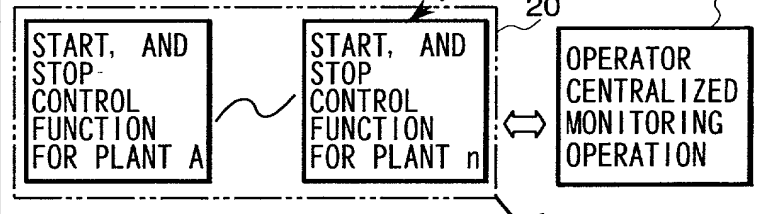
[PRESENT INVENTION]

START OPERATION SEQUENTIAL IS CONVERTED INTO CONTROL PROGRAM WHICH AUTOMATICALLY ADVANCES THE SAME BASED ON MONITORING INFORMATION, TRANSITION OF PLANT CONDITION AND AUXILIARY MACHINE CONDITION

START OPERATION INITIATION TIMING IS CALCULATED FROM PLANT CONDITION AT THE MOMENT AND TARGET PARALLEL OPERATION (RATED LOADING REACHED) TIMING

WORKS, SUCH AS START PREPARATION OPERATION WHICH CAN NOT BE PERFORMED FROM REMOTE OPERATION ARE PERFORMED, IN THAT LIMITED WORKS SUCH AS INSPECTION AT THE SITE ARE PERFORMED

POWER GENERATION PLANT CENTRALIZED REMOTE MONITORING CENTER



BEFORE START OPERATION INITIATION, TIMING, TIME UNTIL PARALLEL OPERATION AND RATED LOAD REACHED IS CALCULATED FROM THE LATEST PLANT CONDITION AND AUXILIARY MACHINE CONDITION
 THE START OPERATION INITIATION TIMING IS SLIGHTLY ADJUSTED

AFTER REACHING START OPERATION INITIATION TIMING, ACCORDING TO AUTOMATED PROGRAM COMMANDS ARE SUCCESSIVELY ISSUED VIA COMMUNICATION LINES AND COMMUNICATION TERMINALS TO THE CONCERNED PLANT CONTROL SYSTEM TO CAUSE START OPERATION